

6725439

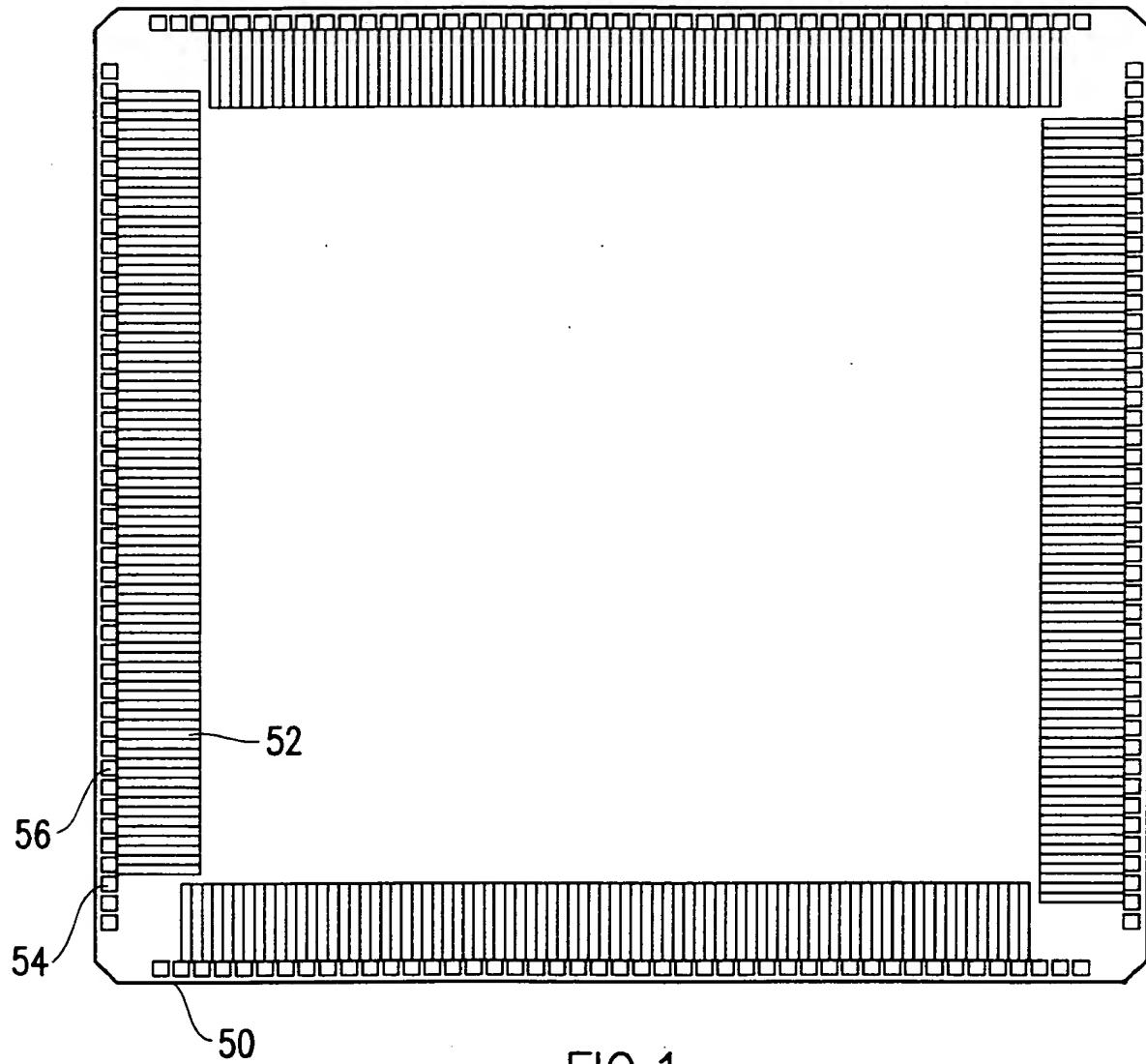


FIG. 1  
PRIOR ART

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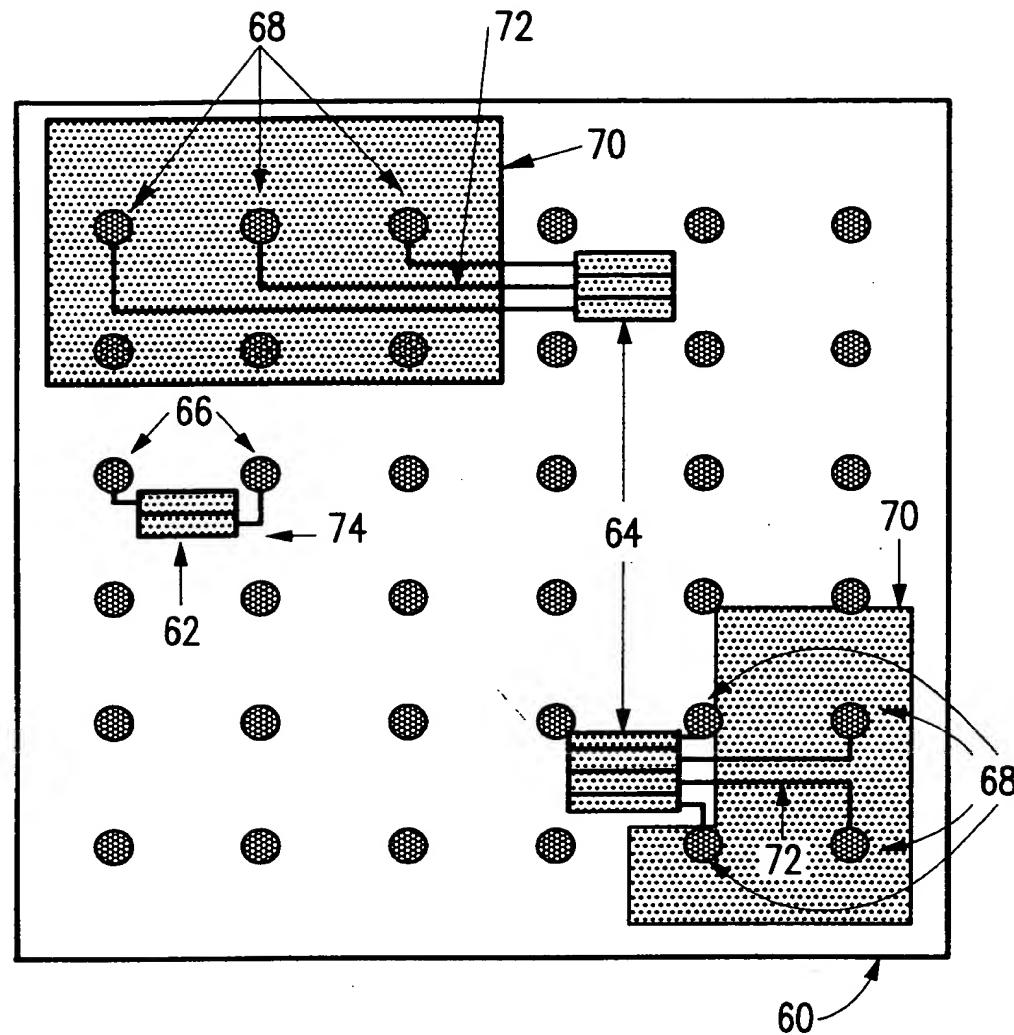


FIG.2

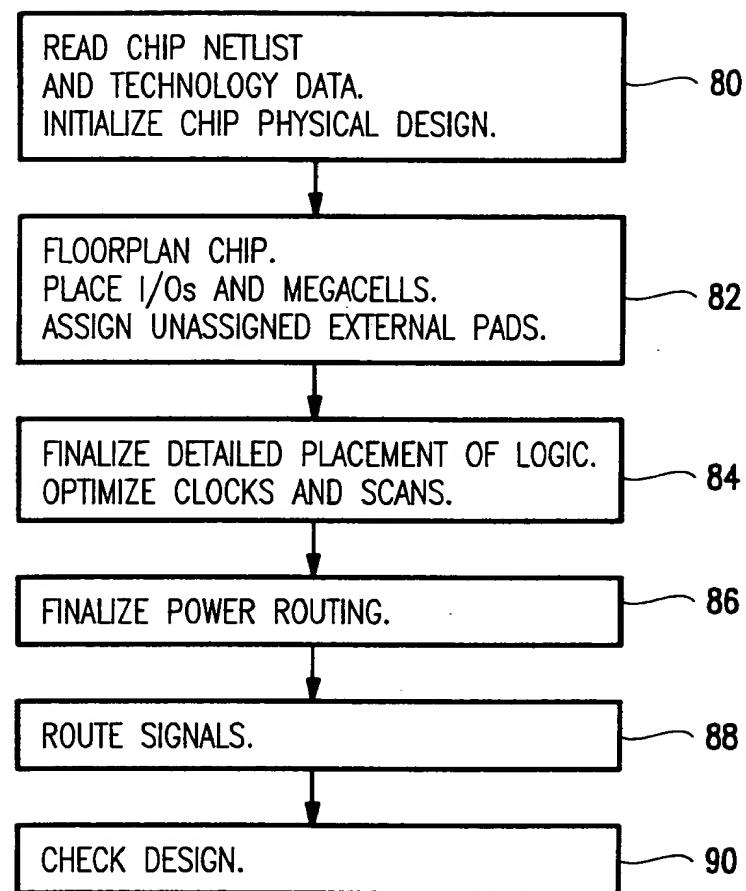


FIG.3

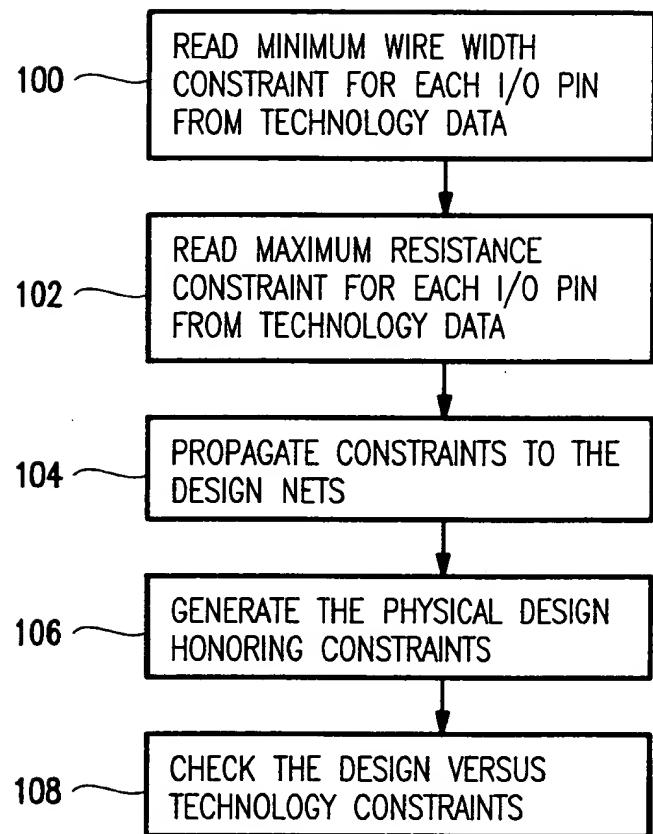


FIG.4

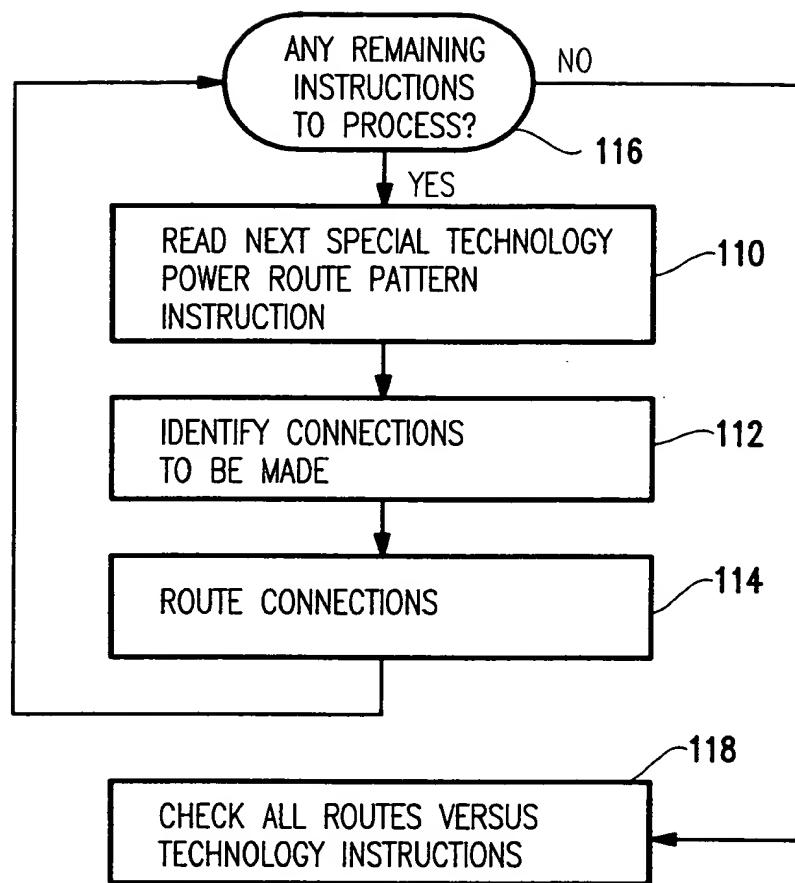


FIG.5

PowerPattern.GND\_M4\_UNUSED = {

    MiddleType      = UNUSEDPIN  
    MiddleOwner     = CHIP  
    MiddleLayer     = M5

    End1Type      = POWER  
    End1Owner     = CHIP  
    End1Layer     = M5  
    End1Proximity = 2000 MICRON

    ConnectNet     = GND  
    ConnectLayer    = M4  
    ConnectWidth    = 16.3 MICRON  
    ConnectSwath    = 58.1 MICRON  
    ConnectAxis     = AXISVER  
    }

FIG.6

PowerPattern.VDD\_M4\_ESD = {

    MiddleType = PIN  
    MiddleOwner = ESD  
    MiddleLayer = M2  
    MiddleStart = (70.0 MICRON, 0.0 MICRON, LOWER\_LEFT)  
    MiddleEnd = (0.0 MICRON, 0.0 MICRON, UPPER\_RIGHT)  
    MiddleAxis = AXISVER  
    Middleproximity = 180 MICRON

    End1Type = POWER  
    End1Owner = CHIP  
    End1Layer = M5  
    End1Proximity = 2000 MICRON

    End2Type = POWER  
    End2Owner = CHIP  
    End2Layer = M5  
    End2proximity = 2000 MICRON

    ConnectNet = VDD  
    ConnectLayer = M4  
    ConnectAxis = AXISVER  
    ConnectWidth = 16.3 MICRON  
    ConnectSwath = 0 MICRON  
}

FIG.7

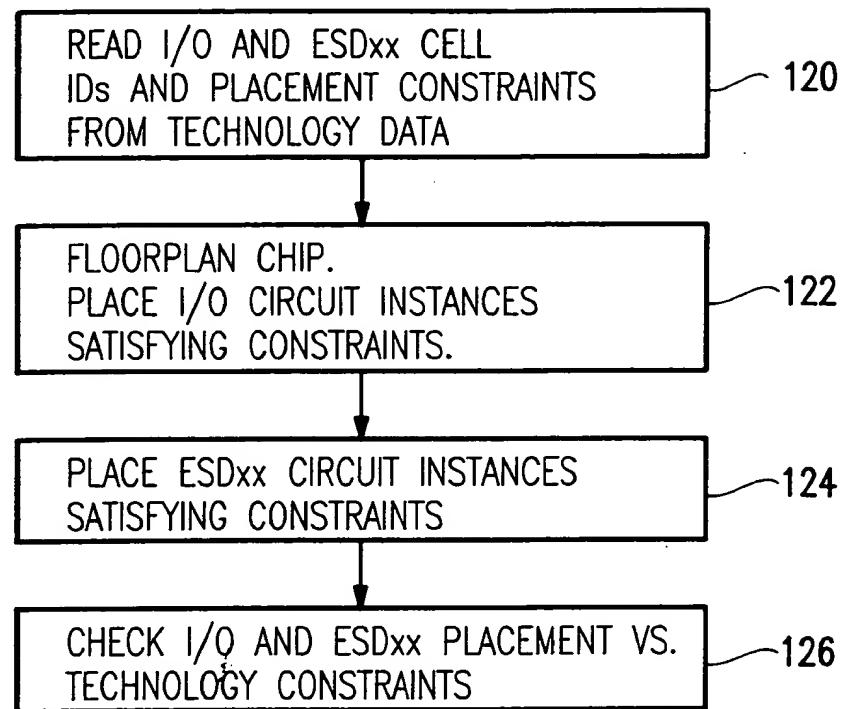


FIG.8

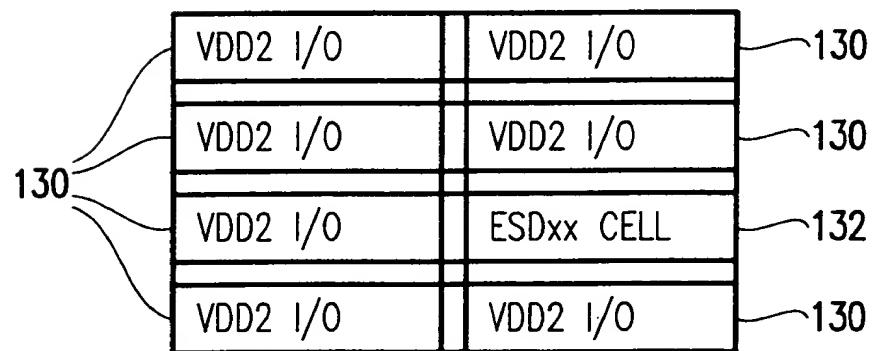


FIG.9